

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions and listing of the claims in this application.

Listing of Claims

1-15 (canceled)

16. (New) A nerve stimulation device for applying electrical stimulation to a nerve in a patient, through the skin of the patient, the course of said nerve establishing a line along the patient's body, said device comprising:

a housing adapted for application to the body of the patient over the nerve, said housing having a bottom outer surface for application to the skin of the patient;

a pair of exposed metal electrodes attached to the bottom outer surface of the housing;

a band attached to the housing, said band adapted to secure the housing to the body, said band arranged relative to the housing and the electrodes such that, when the housing is secured to the body, the electrodes directly contact the skin of the patient and are disposed longitudinally along the line established by the nerve;

pulse generating circuitry housed within the housing, said pulse generating circuitry operably connected to the electrodes to provide electrical pulses to the nerve through the electrodes;

a gasket having a first aperture and a second aperture being sized and dimensioned to receive the electrodes, said gasket disposed about the electrodes on the bottom outer surface of the housing; and

wherein the electrodes extend a given depth outwardly from the bottom outer surface of the housing, and the gasket is a compressible electrically insulating gasket having a thickness in an uncompressed state which is greater than the given depth of the electrodes and a thickness in a compressed state which does not impede direct contact between the electrodes and the patient.

17. (New) The device of claim 16 wherein the gasket comprises neoprene.

18. (New) The device of claim 16 wherein the gasket comprises silicone.

19. (New) An electro-acupuncture device for applying electro-acupuncture stimulation to the nerve in a patient, through the skin of the patient, the course of said nerve establishing a line along the patient's body, said device comprising:

a housing adapted for application to the body of the patient over the nerve, said housing having a bottom outer surface for application to the skin of the patient;

a pair of metal electrodes attached to the bottom outer surface of the housing; said electrodes each having an exposed bottom outer surface adapted for direct contact with the skin of the patient;

pulse generating circuitry housed within the housing, said pulse generating circuitry operably connected to the electrodes to provide electrical pulses to the nerve through the electrodes, said pulse generated circuitry providing said electrical pulses in a pulse pattern effective to create an electro-acupuncture effect on the nerve;

a band attached to the housing, said band adapted to secure the housing to the body, said band arranged relative to the housing and the electrodes such that, when the housing is secured to the body, the electrodes directly contact the skin of the patient and are disposed longitudinally along the line established by the nerve;

a gasket having a first aperture and a second aperture, said first and second apertures being sized and dimensioned to receive the electrodes, said gasket disposed about the electrodes on the bottom outer surface of the housing; and

wherein the electrodes extend a given depth outwardly from the bottom outer surface of the housing, and the gasket is a compressible electrically insulating gasket having a thickness in an uncompressed state which is greater than the given depth of the electrodes and a thickness in a compressed state which does not impede direct contact between the electrodes and the patient.

20. (New) The device of claim 19 wherein the gasket comprises neoprene.

21. (New) The device of claim 19 wherein the gasket comprises silicone.

22. (New) An electro-acupuncture device for applying electro-acupuncture stimulation to the P6 acupuncture stimulation to the P6 acupuncture point on the wrist of the patient, said device comprising:

a housing adapted for application to the inside of the wrist of a patient over the P6 acupuncture point, said housing having a bottom outer surface for application to the wrist;

a pair of metal electrodes attached to the bottom outer surface of the housing, arranged such that, when applied to the wrist, one of said electrodes is located distally on the housing, relative to the wrist, and the other of said electrodes is located proximally on the housing, relative to the wrist; said electrodes each having an exposed

bottom surface adapted for direct contact with the wrist of the patient;

pulse generating circuitry housed within the housing, said pulse generating circuitry operably connected to the electrodes to provide electrical pulses to the wrist through the electrodes, said pulse generating circuitry providing electrical pulses in a pulse pattern effective to create an electro-acupuncture effect on the P-6 acupuncture point;

a gasket having a first aperture and a second aperture, said first and second apertures being sized and dimensioned to receive the electrodes, said gasket disposed about the electrodes on the bottom outer surface of the housing; and

wherein the electrodes extend a given depth outwardly from the bottom outer surface of the housing, and the gasket is a compressible electrically insulating gasket having a thickness in an uncompressed state which is greater than the given depth of the electrodes and a thickness in a compressed state which does not impede direct contact between the electrodes and the patient.

23. (New) The device of claim 22 further comprising a band attached to the housing, said band adapted to secure the housing to the wrist of the patient, said band arranged relative to the housing and the electrodes such that, when the housing is secured to the wrist of the patient, the exposed bottom outer surface of the electrodes directly

contacts the inside of the wrist of the patient without a layer of conductivity gel intervening therebetween.

24. (New) The device of claim 22 wherein the gasket comprises neoprene.

25. (New) The device of claim 22 wherein the gasket comprises silicone.

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